Essex Regional

491 Maple Street Building 200, Suite 202 Danvers, MA 01923-4025 Phone 978-739-9151 Fax 978-750-0745

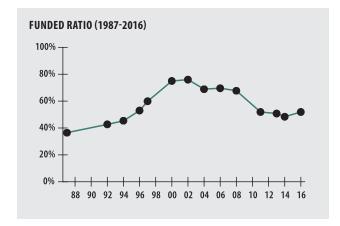
Board Members

H. Joseph Maney (Chairperson), Alan J. Benson, Vincent R. Malgeri, Kevin A. Merz, Susan J. Yaskell

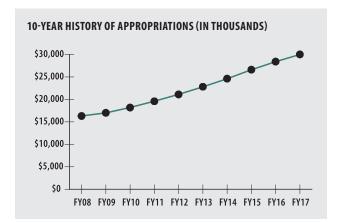
Board Administrator

Charles E. Kostro **Board Meeting**

Generally the last Monday of each month



INVESTMENT RETURN (2012-2016, 5 YEAR AND 32 YEAR AVERAGES) 16% 14% 12% 10% 8% 6% 4% 2% 0% 15 12-16 85-16 14 16



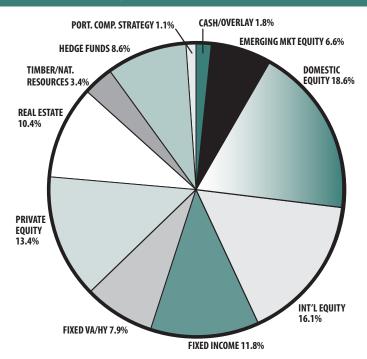
32 years 2016 31 years 2015 30 years 2014 8.67% 8.70% 8.94% 10 years 2016 10 years 2015 10 years 2014 5.00% 5.75% 6.24% 5 years 2016 5 years 2015 5 years 2014 7.84% 9.37% 10.55%

INVESTMENT RETURN HISTORY

ACTUARIAL

► Funded Ratio		51.9%
▶ Date of Last Valuation		01/16
► Actuary		Stone Consulting
Assumed Rate of Return		7.75%
► Funding Schedule		Varies Total Increasing
Year Fully Funded		2035
Unfunded Liability		\$358.8 M
► Total Pension Appropriation (Fiscal 2017)		\$30.0 M
	ACTIVE	RETIRED
Number of Members	2,738	1,768
► Total Payroll/Benefit	\$126.9 M	\$39.2 M
Average Salary/Benefit	\$46,400	\$22,200
► Average Age	49	73
Average Service	11.0 years	NA

ASSET ALLOCATION (12/31/16)



EARNED INCOME OF DISABILITY RETIREES (2015)

► Number of Disability Retirees	112
► Number Who Reported Earnings	35
► Number of Excess Earners	1
▶ Total Amount of Refund Due	\$70.96

▶ 2016 Return	7.86%
▶ 2016 Market Value	\$399.4M
▶ 2012-2016 (Annualized)	9.37%
▶ 1985-2016 (Annualized)	8.67%